

Tuesday, 10/3/2006 2:50:03 PM Kim Johnston

Process Sheet Drawing Name : BRACKET ASSEMBLY : CU-DAR001 Dart Helicopters Services Customer : 28829 Job Number **Estimate Number** : 10291 : D3183044 :NIA Part Number P.O. Number . D3183 REV C1 S.O. No. : 11 **Drawing Number** : 10/3/2006 This Issue : N/A Project Number : NC Prsht Rev. : NA : MACHINED PARTS **Drawing Revision** : C1 Type First Issue : NA Material : 26042 Previous Run Each : 10/30/2006 **Due Date** Written By Checked & Approved By : Est Rev:Pick:A 04.02.18 New issue KJ/DS Comment **Additional Product** Job Number: Description: Machine Or Operation: Seq. #: 17-4 SS Bar M174B2000X01500 1.0 2.8873 f(s) Comment: Qty.: 0.4812 f(s)/Unit Total: Material: 17-4 SS Bar per AMS 5604/5643 (M17-4-B1.500x02.000) / , 0 + M /477:3 (M17-4-B1.500x02.000) Identify for D3183-4 06/10/25 Batch: BAND SAW 2.0 Comment: BAND SAW Cut blanks: (1.500" x 2.000") 5.500" long 3.0 Comment: HAAS CNC VERTICAL MACHINING #1 1-Machine D3183-4 as per Folio FA322 and Dwg D3183 Identify as D3183-4 2-Deburr 3-Scribe batch number 4.0 QC2

Comment: INSPECT PARTS AS THEY COME OFF MACHINE

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Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: BRACKET ASSEMBLY

Job Number: 28829

Part Number: D3183044

Job Number:



Seq. #:

Machine Or Operation:

Description:

5.0

QC8

SECOND CHECK

Comment: SECOND CHECK

3

6.0

D312121



Bolt



Comment: Qty.:

2.0000 Each(s)/Unit Total: 12.0000 Each(s)

Pick:

2 D3121-21

Oty Part Number Description Batch
2 D3121-21 Bolt 323704 NOTE: B 29698 x 6mx

7.0

D3183045

Bearing Assembly



2.0000 Each(s)/Unit Total: 12.0000 Each(s)

Comment: Qty.: Pick:

Qty Part Number

Description Batch

2 D3183-045 Bearing Ass 328836×10

8.0

SMALL FAB 1

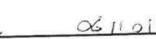
SMALL & MEDIUM FAB RESOURCE 1



Comment: SMALL & MEDIUM FAB RESOURCE 1

Assemble D3183-043 as per Dwg D3183.

INSPECT WORK TO CURRENT STEP



9.0

Comment: INSPECT WORK TO CURRENT STEP

10.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: 5+412

QC21

11.0



Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



W Hidled

DART AEROSPACE LTD	Work Order:	Z882°
	Part Number:	D3183-4
Description: Bracket Inspection Dwg: D3183 Rev: C1		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

X	First Article	Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Rejact	Method of Inspection	Comments
R0.190	+/-0.030	R150				
R0.063	+/-0.010	R.063	/			
0.182	+/-0.010	171	/			
0.070	+/-0.010	.034				
0.100	+/-0.010	102				
Ø0.201 x 0.100	+/-0.010	0202K56	/			
0.182	+/-0.010	.18:	/			
5.32	+/-0.030	5.322	/			
5.036	+/-0.010	3 036				
2.120	+/-0.010	2.120	/		-	
1.290	+/-0.010	1.188	/			
0.365	+/-0.010	.365	/			
0.218	+/-0.010	-215	/			
1.030	+/-0.010	1.026				
1.90	+/-0.030	1887	-			
1.012	+/-0.010	1.012	/			
Ø0.201 x 0.100	+/-0.010	202 1096	/			
0.182	+/-0.010	.131	/_			
0.786	+/-0.010	, 292	/			
Ø0.392	+0.002/-0.000	8-392				
R0.19	+/-0.030	8.19	/			
3.954	+/-0.010	3955	//			
0.162	+/-0.010	.162	1			
R0.19	+/-0.030	Cilà	1/			
R0.25	+/-0.030	025	1			
4.26	+/-0.030	4.262	/			
2.800 Calculated dimension	+/-0.030	.27.3	/			
0.162	+/-0.010	.167	/			
0.615	+/-0.010	6-15	//			
0.435	+/-0.010	435	/			
0.200	+/-0.010	1-201	//			
0.381	+/-0.010	.380	/			
0.032	+/-0.010	-032	/			

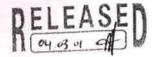
Managed by: 57	Audited by: J.F.	Prototype Approval:	N/A
Measured by: 515	1 1 1 1 2 1 2 1	Date:	N/A
Date: 11.01	Date: 1/1/21		

			Revised by	Approved
Rev	Date	Change	KJ/RF	
A	03.11.12	New Issue P/O D3183-044	KJ/JLM/RF	
В	04.03.15	Changes as per revision C		1
C	04.06.15	Dimension 2.800 was 2.080; removed 1.155, 0.36 dimensions	KJ/JLM KJ/JLM	1211
D	06.03.09	Dwg Rev update	KJ/JLIVI CA	411



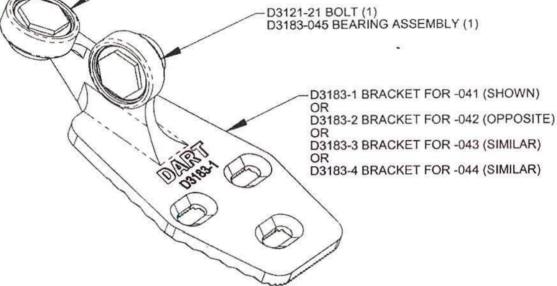


DESIGN	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED	APPROVED	DRAWING NO. D3183	REV. C SHEET 1 OF 4
04.02.17		BRACKET ASSEMBLY	SCALE 1:1
A	03.01.24	NEW ISSUE	
B 03.06.17		REMOVE BEARING; 1.012 WS 0.8	82

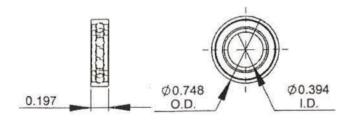


CENTRAL PROPERTY.	04.02.17	BRACKET ASSEMBLY	1:1
Α	03.01.24	NEW ISSUE	
В	03.06.17	REMOVE BEARING; 1.012 WS 0.882	
С	,04.02.17	ADD -045/-9; 0.182 WAS 0.431	
Cı	1-4 04.11.09	0.830 WAS 0.850	

D3121-21 BOLT (1) D3183-045 BEARING ASSEMBLY (1)



D3183-041 BRACKET ASSEMBLY (SHOWN) D3183-042 BRACKET ASSEMBLY (OPPOSITE)
D3183-043 BRACKET ASSEMBLY (SIMILAR) D3183-044 BRACKET ASSEMBLY (SIMILAR)

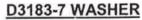


D3183-5 BEARING: SPECIFICATION CONTROL DRAWING

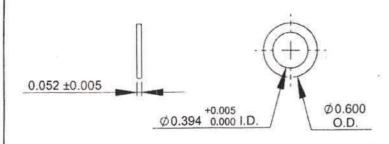
- 1) SINGLE ROW, DEEP GROOVEHOP COPY CONRAD TYPE, SHIELDED
- 2) POSSIBLE SUPPLIER: NSK PIN 6800ZZ NG 3) ALL DIMENSIONS ARE IN INORES UNCONTROLLED COPY

SUBJECT TO AMENDMENT

WITHOUT NOTICE WORK ORDER

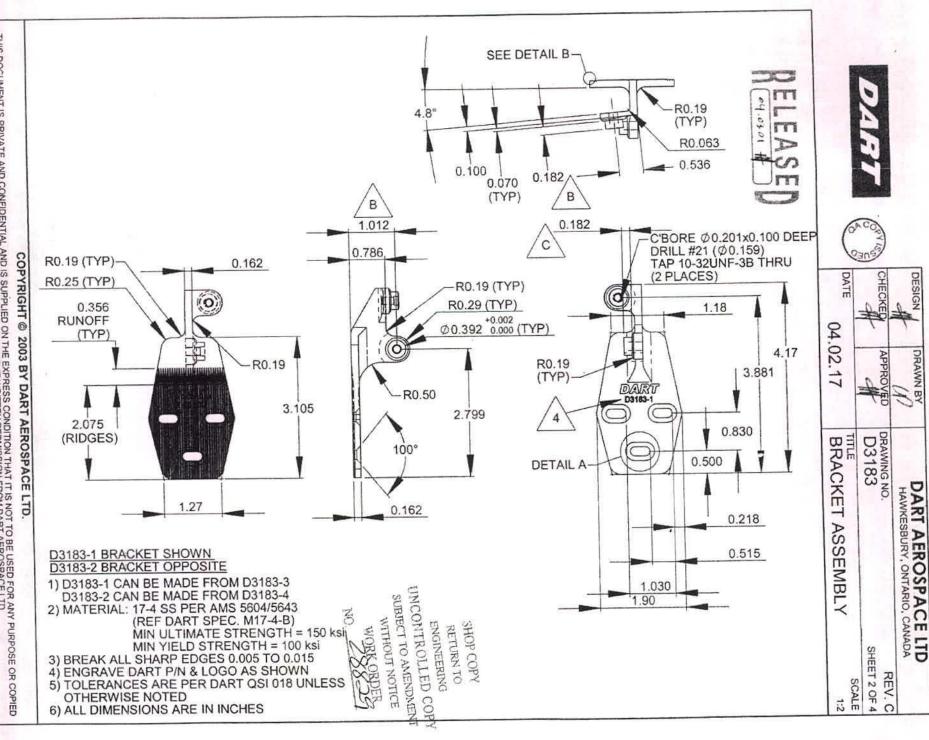


- NO. 2882 1) MATERIAL: AISI 303 ROUND BAR (M303R) ANNEALED
- 2) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES

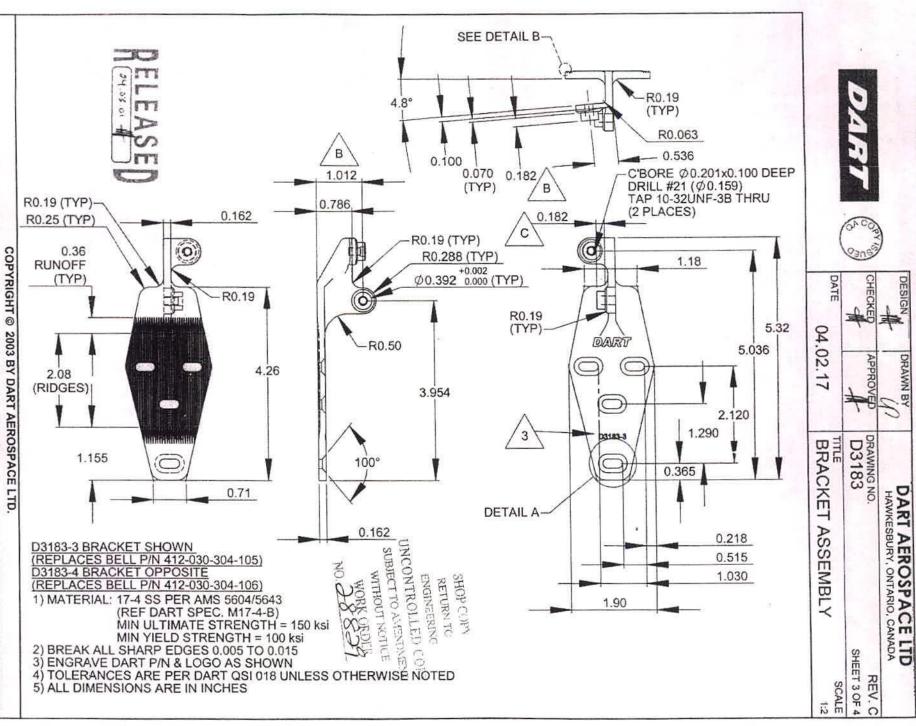


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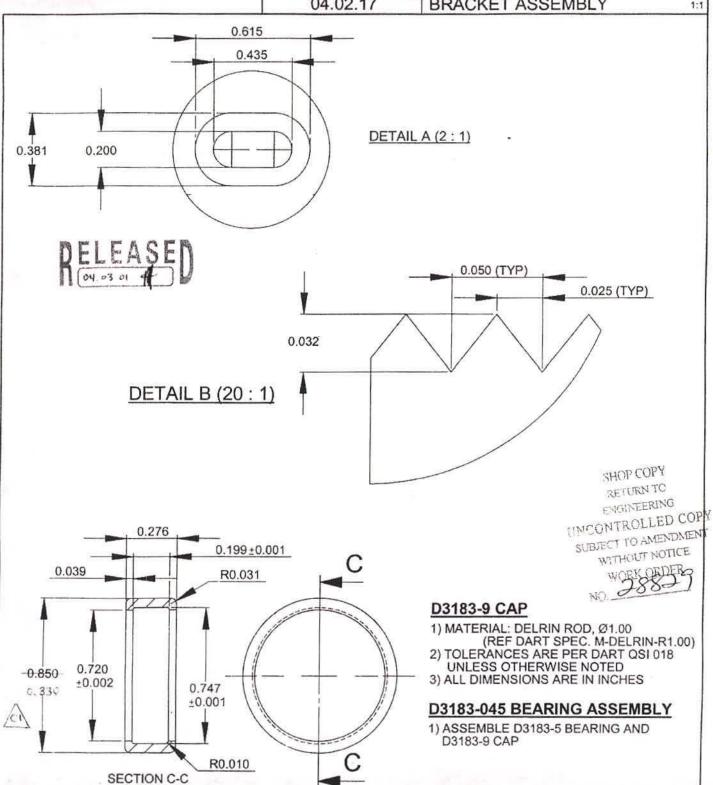
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SCALE 2:1



DESIGN	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
CHECKED	APPROVED	DRAWING NO. D3183	REV. C SHEET 4 OF 4	
04 02 17		BRACKET ASSEMBLY	SCALE 1:1	



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